

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re: Patent application of
Samuel Jotham REICH et al.

Application No.: 10/759,878

Filed: January 16, 2004

For: COMPOSITIONS AND METHODS FOR siRNA
INHIBITION OF ICAM-1

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: Group Art Unit:
: 1635
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: Examiner:
: Not Yet Assigned
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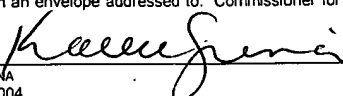
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, submitted herewith are copies of the references listed in the accompanying substitute Form PTO-1449. Copies of the U.S. patents and published patent applications cited on the Form PTO-1449 need not be submitted pursuant to 1276 OG 55 (August 5, 2003).

The Examiner is respectfully requested to review the items listed on the attached Form PTO-1449 and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate Form PTO-1449, and return one copy to the undersigned.

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
BY	
DATE:	KAREN M. SPINA October 22, 2004

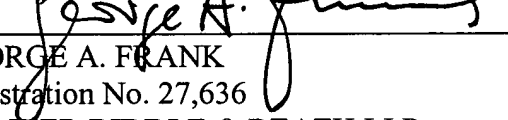
This Statement should not be construed as a representation that the cited references are material or that more relevant prior art does not exist.

This Information Disclosure Statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application, but before the mailing date of the first Office Action on the merits. Accordingly, no certification, petition, or fee is required. However, should a fee be due, please charge the fee or credit any overcharge to Deposit Account No. 50-0573.

Respectfully submitted,

SAMUEL JOTHAM REICH *et al.*

Date: October 22, 2004

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SUBSTITUTE FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE
U.S. PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

ATTY. DOCKET NO.
43826-0003 US

APPLICATION NUMBER
10/759,878

FIRST NAMED INVENTOR

REICH et al.

FILING DATE
January 16, 2004

ART UNIT
1635

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	DOCUMENT NUMBER	PUBLICATION DATE (MM/DD/YYYY)	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
		Number-Kind Code (if known)			
	A	2002/0086356 A1	07/04/2002	TUSCHL et al.	
	B	2002/0132788 A1	09/19/2002	LEWIS et al.	
	C	2002/0162126 A1	10/31/2002	BEACH et al.	
	D	2002/0173478 A1	11/21/2002	GEWIRTZ	
	E	6,506,559	11/14/2003	FIRE al.	
	F	6,177,401	01/23/2001	ULLRICH et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	FOREIGN PATENT DOCUMENT	PUBLICATION DATE (MM/DD/YYYY)	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T
		Country Code-Number- Kind Code (if known)				
	G	CA 2359180	08/03/2000	KREUTZER et al.		
	H	WO03/099298A1	12/04/2003	Maxplanck Gesellschaft Zur Forderung Der Wissenschaften E.V. et al.		

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Publisher, city and/or country where published	T
	I	Bennett et al., <i>Hum Gene Ther</i> 10:1763-1769 (abstract) (Sept. 1996)	
	J	Elbashir et al., <i>Nature</i> , 411:494-498 (24 May 2001)	
	K	Elbashir et al., <i>Genes & Development</i> 15:188-200 (2001)	
	L	Erickson, D., "RNAi Revs Up", <i>Start-Up</i> (A#2002900168) pp. 1-12 (Oct. 2002)	
EXAMINER SIGNATURE		DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE U.S. PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 43826-0003 US	APPLICATION NUMBER 10/759,878
	FIRST NAMED INVENTOR REICH et al.	
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	M	Fire et al., <i>Nature</i> , 391:806-811 (19 Feb. 1998)	
	N	Holash et al., <i>PNAS</i> , 99(17):11393-11398 (Aug. 20, 2002)	
	O	Kim et al., <i>PNAS</i> , 99(17):11399-11404. (Aug. 20, 2002)	
	P	Miyamoto et al., "Vascular endothelial Growth Factor (VEGF)-Induced Retinal Vascular Permeability is mediated by Intercellular Adhesion Molecule-1 (ICAM-1)", <i>American Journal of Pathology</i> 156(5):1733-1739 (May 2000)	
	Q	Miyamoto et al., "Prevention of Leukostasis and vascular leakage in streptozotocin-induced diabetic retinopathy via intercellular adhesion molecule-1 inhibition", <i>Proc. Natl. Acad. Sci USA</i> 96:10836-10841 (September 1999)	
	R	Moromizato et al., "CD18 and ICAM-1-Dependent Corneal Neovascularization and Inflammation after Limbal Injury", <i>American Journal of Pathology</i> 157(4) (October 2000)	
	S	Novina et al., <i>Nature Medicine</i> , 8(7):81-686 (July 2002)	
	T	Sakurai et al., "Targeted disruption of the CD18 or ICAM-1 gene inhibits choroidal neovascularization", <i>Invest. Ophthalmol Vis. Sci.</i> 44(6):2743-9 (2003) ABSTRACT ONLY	
	U	Tischer et al., <i>J. Biol Chem</i> 266:11947-11954 (abstract) (June 25, 1991)	
	V	Tuschl, T., The siRNA user guide (revised October 11, 2002), Accessed from http://www.mpibpc.gwdg.de/abteilungen/100/105/sirna.html . on 11/1/2002.	
	W	Tuschl, T., <i>Nat. Biotech</i> 20: 446-448 (May 2002)	
	X	Van Brunt, J., <i>Signals Magazine</i> : "Buzz – Shoot the Messenger" 08/22/2002, Accessed from http://www.signalsmag.com/signalsmag..../3DF5AEF6049CC81C99256C1D0055BAA on 10/28/2002.	
	Y	Wu et al., <i>Mol Cell Biol</i> , Vol. 22:22: 7758-7768 (abstract) (Nov. 2002)	
	Z	Xia et al., <i>Nature Biotechnology</i> , Vol. 20:1006-1010 (Oct. 2002)	

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